Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 04 Jan 2021 until 23:59 on Tuesday 05 Jan 2021

Forecast Issued on Sunday 03 Jan 2021 at 15:17

Confidence: High for the cold conditions with snow at times. Medium for timings of any snow.

Headline for Monday 04 Jan 2021: Rather cloudy with occasional bright or clear spells and snow showers.

Mountain weather hazards on Monday 04 Jan 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Sunny intervals	Light snow	Heavy snow	Cloudy	Cloudy
Precipitation probability							
40%	50%	50%	30%	50%	50%	30%	30%

Forecast for Monday 04 Jan 2021

Weather: Rather cloudy with occasional bright or clear spells and snow showers, although rain or sleet at times below 300m. Temporary blizzard conditions possible over tops in any heavy snow showers.

Chance of cloud free mountain/hill tops above 600m: 70%, extensive cloud with bases 600 to 900m, lowering significantly in showers.

Visibility: Very good falling moderate or poor in snow showers, occasionally very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 04 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 NE	19/26 NE	22/30 NE	25/34 NE	24/33 NE	23/32 NE	23/33 NE	23/33 NE	23/32 NE
300	14/21 NE	13/20 NE	15/23 NE	16/26 NE	16/25 NE	16/25 NE	15/24 NE	15/24 NE	14/24 NE
Valley	10/23 NE	10/21 NE	10/23 NE	11/25 NE	11/25 NE	11/25 NE	11/25 NE	11/25 NE	10/24 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-2/-8	-1/-9	-1/-9	-1/-8	-1/-8	-2/-10	-2/-10	-2/-10
300	1/-4	0/-5	1/-5	1/-5	2/-4	2/-4	1/-5	0/-5	0/-6
Valley	1/-3	1/-3	1/-3	1/-3	2/-2	2/-2	1/-3	1/-4	1/-4
Freezing Level*	400m	400m	400m	400m	400m	400m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe wind chill expected at height with gusts of around 40mph. Locally significant snowfall possible if showers start forming into lines.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 03 Jan 2021	1.8mm	2.6mm	4.4mm

Forecast for Tuesday 05 Jan 2021

Weather: Another rather cloudy day with snow showers, although rain or sleet at times at lowest levels. The snow showers could again from bands or lines with locally significant snowfall possible.

Maximum wind: Northeast 20 to 25mph gusting 35mph with a severe wind chill over the tops.

Chance of cloud free mountain/hill tops above 600m: 70%, extensive cloud with bases 600 to 900m

Visibility: Very good falling moderate or poor in snow showers, occasionally very poor at height.

Temperature: **Valleys:** Minus 2 rising to Plus 2 Celsius around the middle of the day.
At 600m: Minus 2 Celsius
Freezing level: Most levels, rising to around 300m around the middle of the day.

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